2011 JCTD Managers Conference
Execution & Schedule

Bill Humbert, PhD
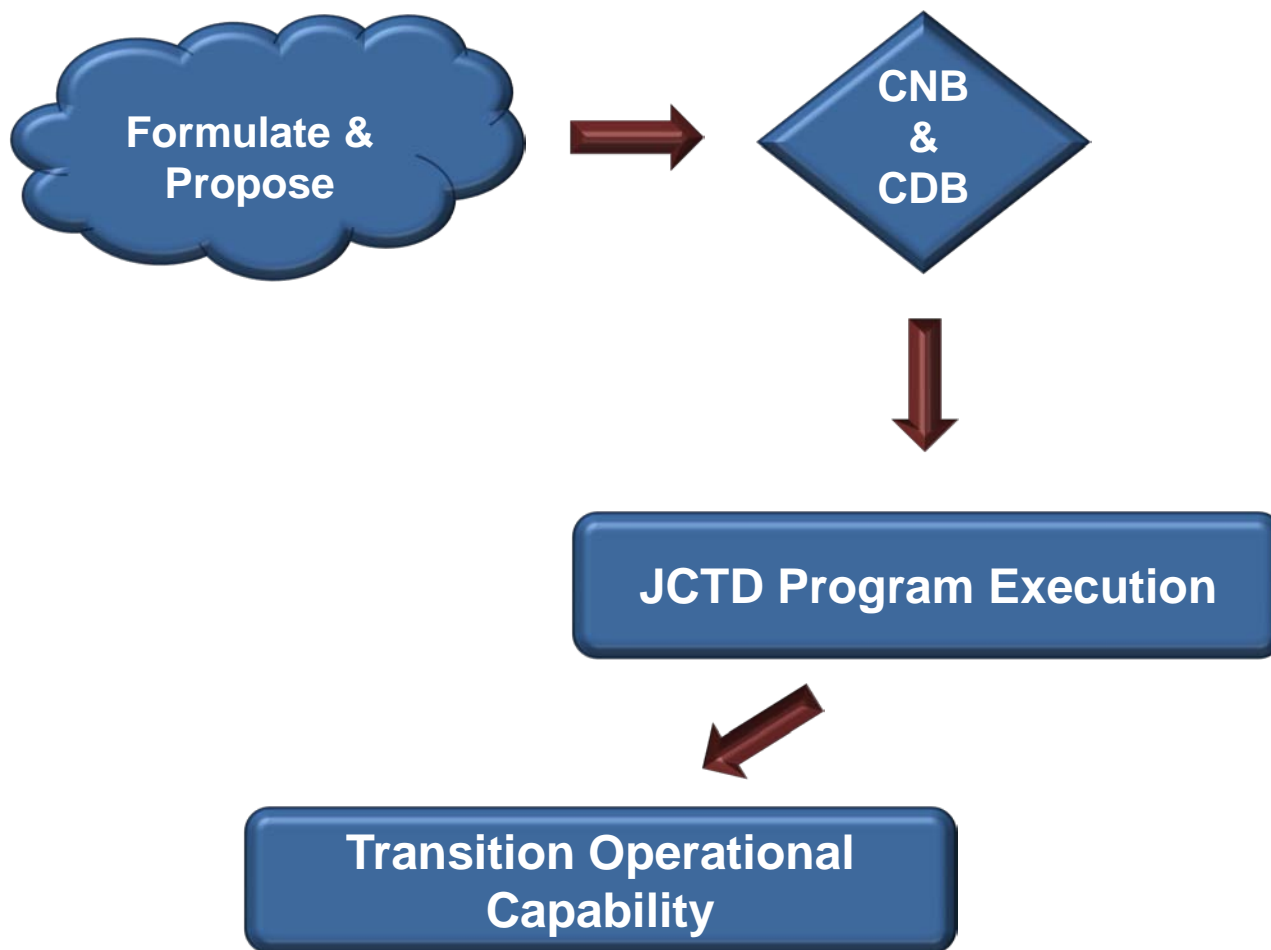**September 20, 2011**
Oversight Executive, JCTD Program
william.humbert@osd.mil
william.humbert@osd.smil.mil
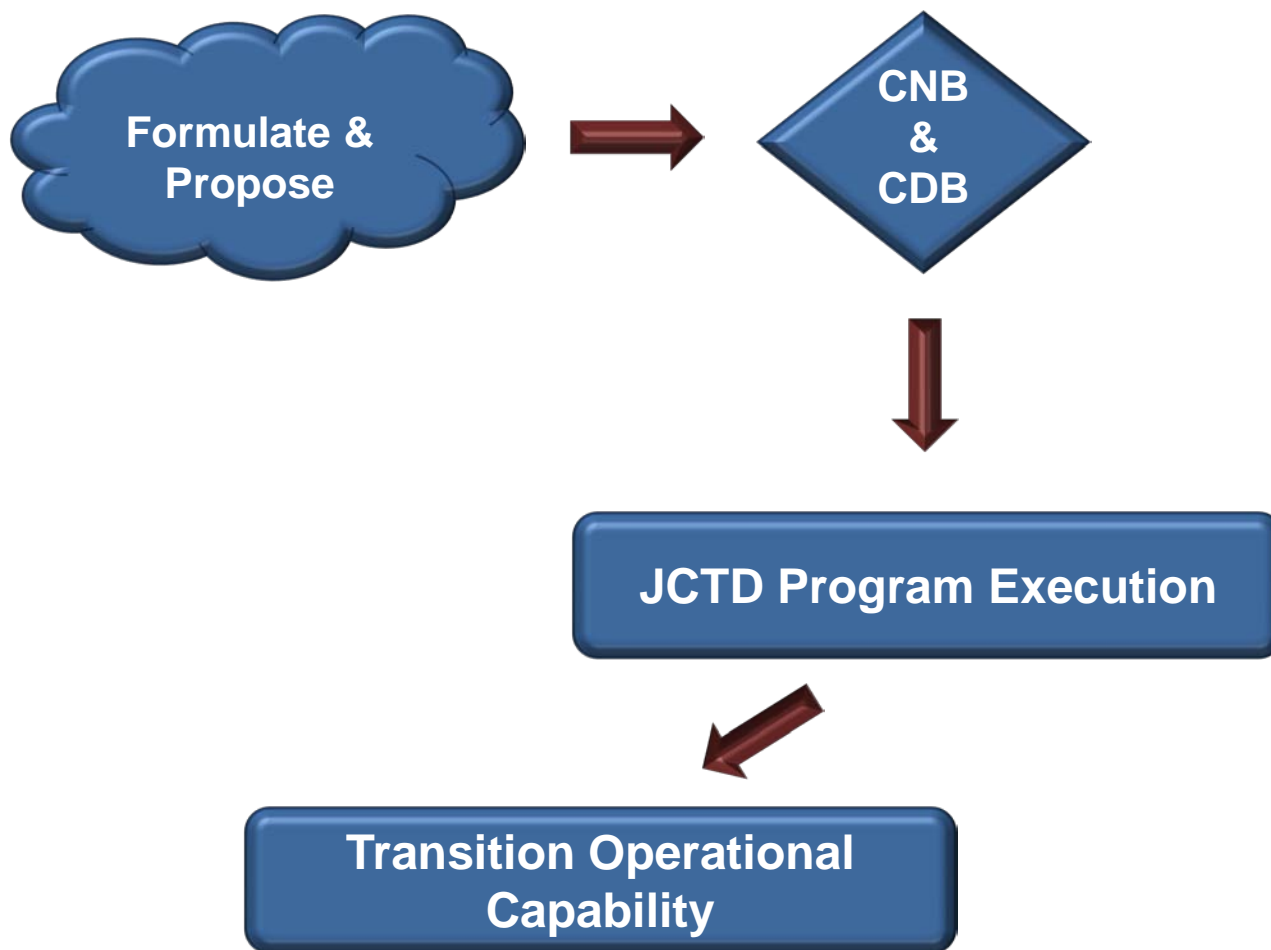**703-601-4891**

Framework for Discussion

Formulate & Propose

- **Team Effort (OM, TM, XM, OE, others)**
- **Project addresses COCOM and Service capability gaps**
  - **JUONs, IPLs, STIPLs, operational problems, etc**
- **Results in a significant increase in Joint/Coalition/Interagency Capability**
- **Committed partnerships**
  - **OSD & Partner funding clearly indicate executable program**
- **Identified transition strategy and committed Transition Manager**
  - **Continued transition planning/activities throughout the life of the JCTD**
- **Technical Maturity (TRL)**
  - **Provide sound basis for stated TRL levels**
- **Technical Demonstrations, Operational Demonstrations, Operational Utility Assessments**
- **Speed to delivery**
  - **Spiral out capabilities where possible**
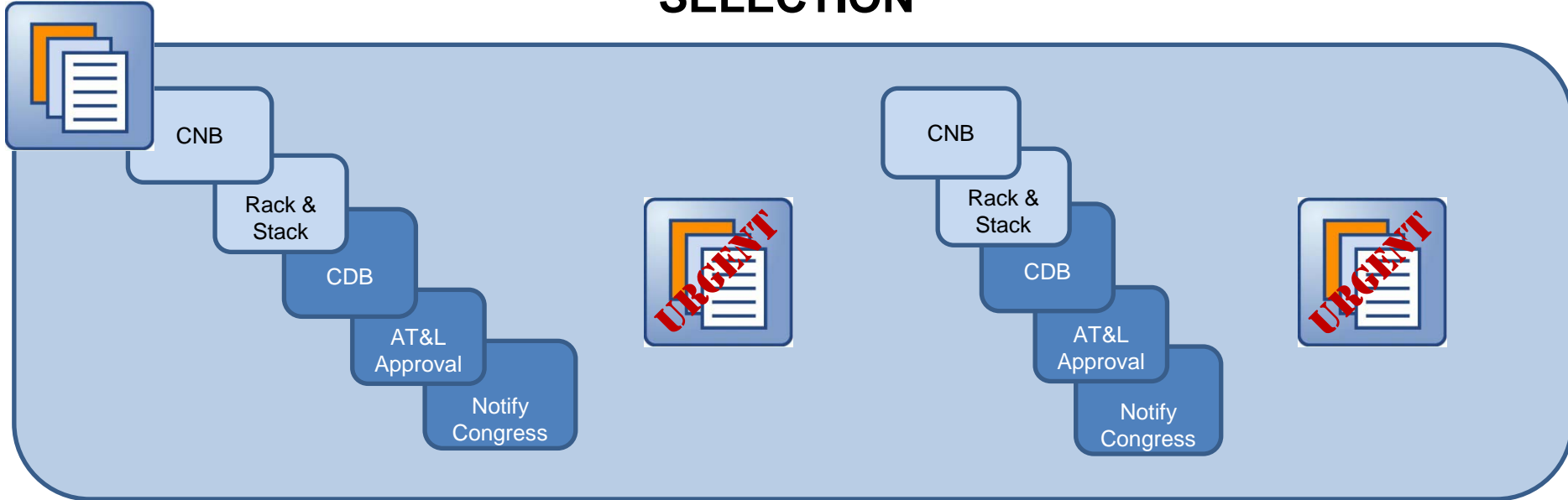
Framework for Discussion

JCTD Selection & Review

May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr

PROPOSALS

SELECTION

CNB

Rack & Stack

CDB

AT&L Approval

Notify Congress

URGENT

CNB

Rack & Stack

CDB

AT&L Approval

Notify Congress

URGENT

REVIEW

PRB   PRB   PRB   PRB

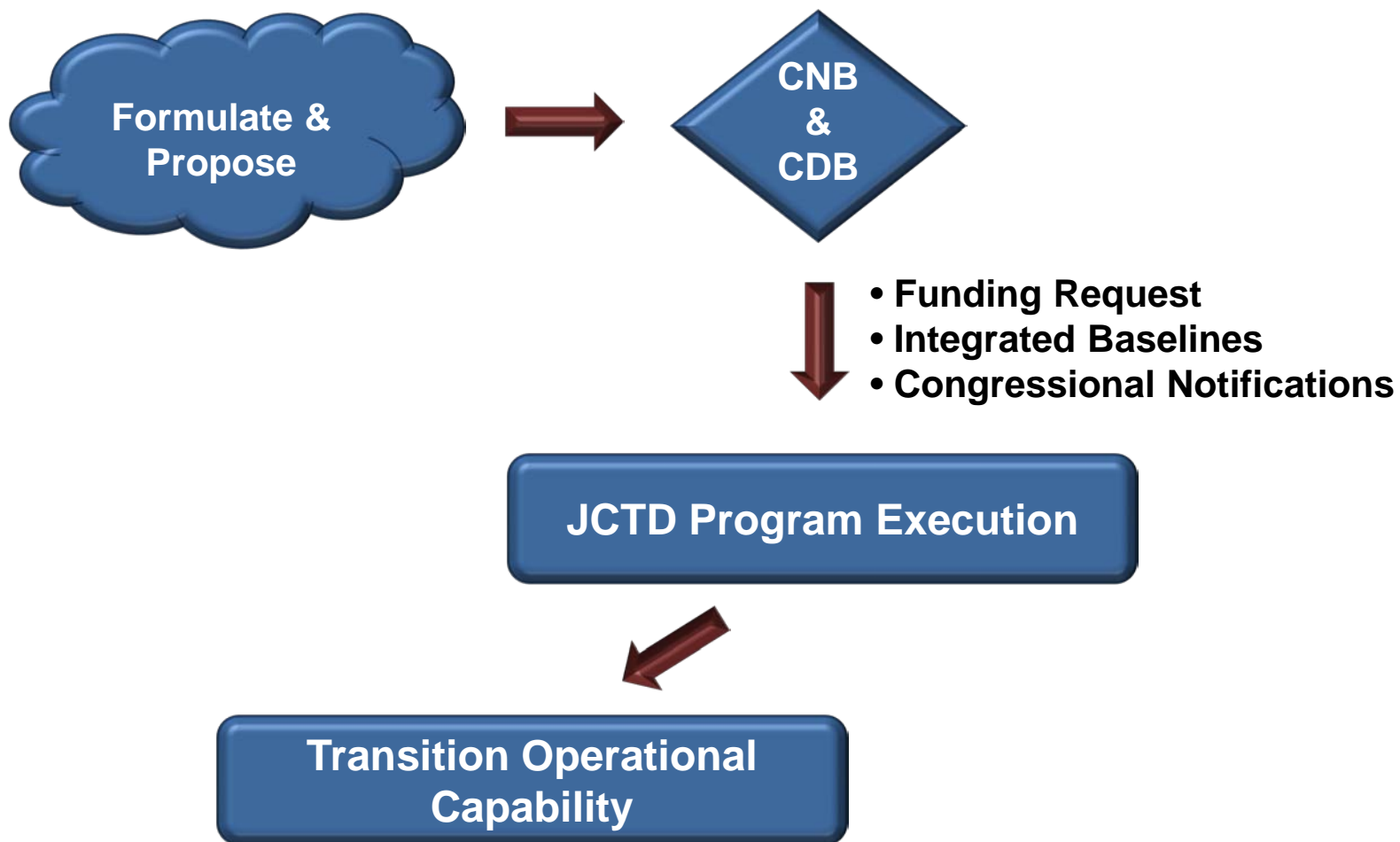CNB – Candidate Nomination Board   CDB – Candidate Decision Board   PRB - Program Review Board

Framework for Discussion

JCTD Schedule & Execution

Notional JCTD Schedule	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
JCTD Start	▲							
Integrated Baseline (per FY)	▲				▲			
Implementation Directive		▲						
Management Plan			▲					
Transition Plan & TTA					▲			
Assessment Organization Identified		▲						
Integrated Assessment Plan		▬▬	▬▲		▬▬	▬▲		
CONOPS, TTPs	▬▬	▬▬	▬▬	▬▬	▬▲			
Training Support Packages						▬▬	▬▲	
System Dev/Integration	▬▬	▬▬	▬▬	▬▬	▬			
Tech Demo # 1				▲				
Project Review Board					▲			
Tech Demo # 2						▲		
Op Demo # 1							▲	
Operational Utility Assessment							▬	▲
Transition	▬▬	▬▬	▬▬	▬▬	▬▬	▬▬	▬▬	▲

JCTD Start - Congressional Notification has expired AND you have OSD funds
JCTD End - Operational Utility Assessment completed and report provided

JCTD Program Execution Remarks

- **Implementation Directive signed 60 days from a positive decision from the CDB (3-5 pages)**
  - Emphasizes partnership and resource commitment
  - Not detailed technical scope
- **Management Plan required 60 days from start of JCTD (no set page recommendation)**
  - Provides detailed information on technical, operational, and transition activities
  - A living document
- **Tech Transition Agreement recommended to be in place by end of first year**
  - Provides strong support to Project Review Board

JCTD Program Execution Remarks (cont)

- **Project Review Boards**
  - **Scheduled to occur nominally 12 months after receipt of funds and repeat in 12 month increments**
  - **Decision point**
    - o **Continue JCTD as planned**
    - o **Transition to service agency**
    - o **Stop effort**
  - **JCTD should highlight meaningful deliverables to support decision**
    - o **Detailed Designs**
    - o **Technical Demonstrations**
    - o **Limited UAs**
    - o **Spiral Capabilities/Fieldable Prototypes**

More Compelling

JCTD Program Execution Remarks (cont)

- **Utility Assessments**
  - **Interim and/or final**
  - **Conducted according to Integrated Assessment Plan**
  - **Based on results of operational demonstration(s)**
  - **Describes how the completion of the JCTD addressed the operational problem or need**
- **Vulnerability Assessments for select projects**
  - **Conducted by Joint Information Operations Warfare Center Red Team**
  - **Conduct red team activities to determine the strengths and weaknesses of the JCTD product**
  - **POC: *Scott Petroski, Deputy Director, JIOWC J9, 210.925.4839, scott.petroski@us.af.mil***
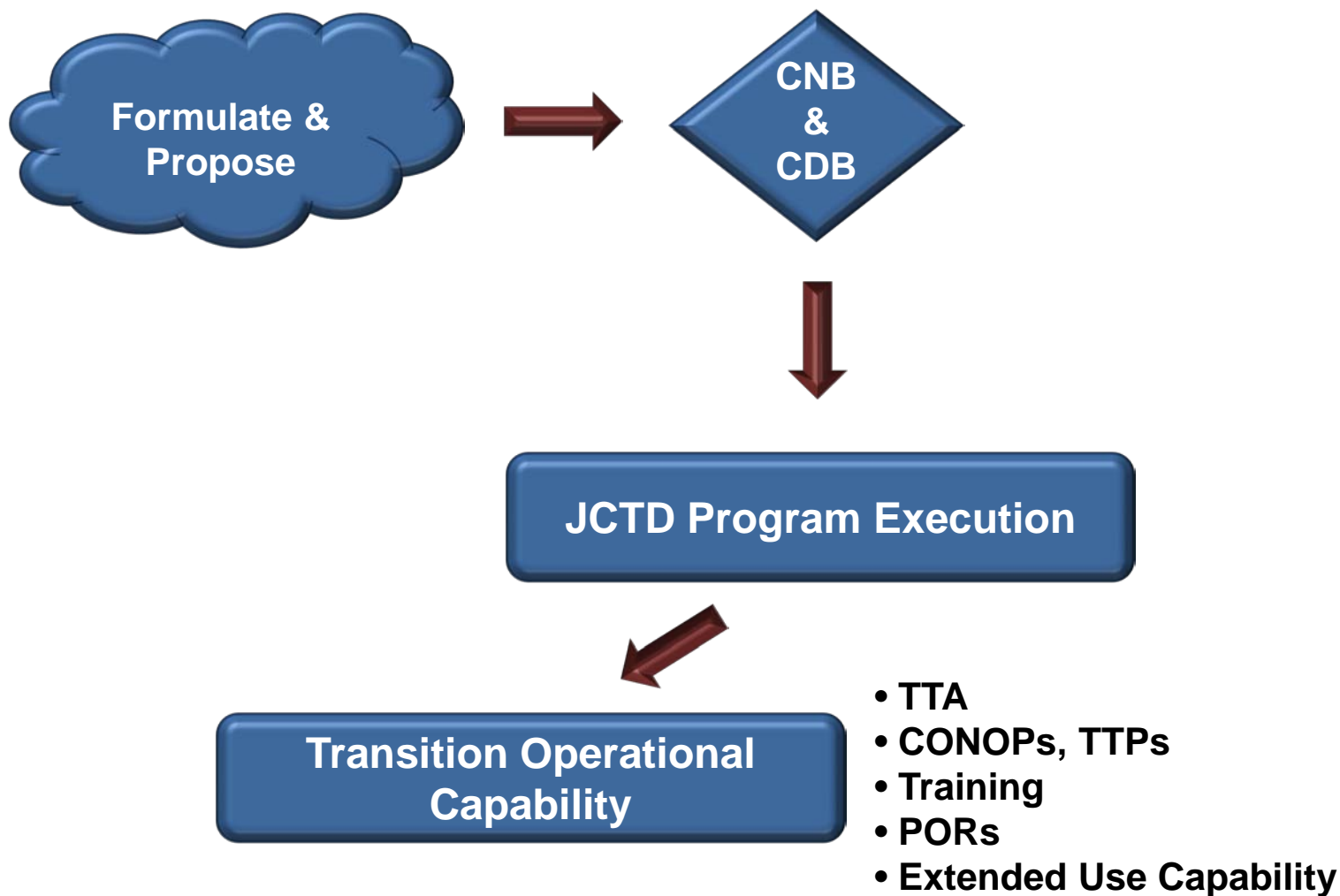
Best Practices

Best practices to facilitate successful JCTD Execution:

- **Regular telecons**
- **Regular Integrated Management Team meetings**
- **Plan for operating under constraints of Continuing Resolution Authority**
  - Funding considerations: keep team together, activities supporting critical milestones, long lead items
- **Use of websites to maximize info connectivity:**
  - KIMS
  - Data sharing for teams
- **Utilize resources available to provide advice and assistance (In-process reviews/ Workshops/Training/SMEs)**
- **Lessons learned**
  - ID assessment team early, work safety certifications, interoperability, accreditation, and frequency allocations early
- **Identify issues early for OE support and resolution**
- **Open lines of communications always**

Framework for Discussion

Formulate & Propose → **CNB & CDB** → **JCTD Program Execution** → **Transition Operational Capability**

- TTA
- CONOPs, TTPs
- Training
- PORs
- Extended Use Capability

Transition

- **Transition planning and activities are persistent throughout the life of the JCTD**
  - **Proactive involvement with requirements community**
  - **Establish early partnerships with acquisition communities**
  - **Plan for and secure resources to support transition**
  - **Plan for long lead transition activities**
    - **TTA, Safety certification, Frequency allocations, Information Assurance, Interim Authority to Operate and Authority to Operate, etc**
- **Transition of a JCTD means:**
  - **Acceptance of products into existing Program of Record (POR)**
  - **Products inserted into a new POR**
  - **Extended use and sustainment of JCTD residuals to provide operators an immediate capability**
  - **Products listed in GSA Schedule**

Summary

- **The objective of the JCTD program is to rapidly demonstrate and deliver a significant operational capability to the warfighter**
- **JCTDs are not created equal but all share a fundamental set of common traits:**
    - **Sound transition strategy from the start with continued transition activities throughout the program**
    - **Based on strong partnerships**
    - **Direct operator input and involvement**
    - **Must conduct Operational Utility Assessments**
    - **Emphasize speed to delivery**